



217//82-2113

CONSTRUCTION PERMIT

PERMITTEE

Wedron Silica Co.  
Attn: Spencer Zitka  
South Olive Street  
Wedron, IL 60557

Application No.: 89100091

I.D. No.: 099804AAB

Applicant's Designation:

Date Received: December 21, 1989

Subject: Rotary Sand Dryer

Date Issued: March 6, 1990

Location: South Olive Street, Wedron

Permit is hereby granted to the above-designated Permittee to CONSTRUCT emission source(s) and/or air pollution control equipment consisting of a gas fired rotary sand dryer as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. Emissions and operation of equipment shall not exceed the following limits:

<u>Item of Equipment</u>	<u>Operating Hours (Hour/Month)</u>	<u>Particulate Matter Emissions</u>		<u>Nitrogen Oxide Emissions</u>	
		<u>Lb/Hour</u>	<u>Ton/Yr</u>	<u>Lb/Hour</u>	<u>Ton/Yr</u>
Gas Fired Rotary Dryer	580	7.0	24.4	11.4	39.7

These limits are based on the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

- 2a. Emissions and operation of equipment shall not exceed the following limits:

<u>Item of Equipment</u>	<u>Particulate Matter Emissions</u>	
	<u>Lb/Hour</u>	<u>Ton/Yr</u>
Dryer 9 & 10 (combined)	2.1	9.2

These limits are based on the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.



- b. Existing dryers 5, 6, 7 and 8 shall be shut down, and dismantled or placed on standby status upon achievement of normal operation of the direct fired rotary dryer or 180 days after initial start-up of the direct fired dryer, whichever occurs first. Following shutdown of the existing dryers, their operation shall not be resumed without obtaining a new or revised permit from the Agency.
  - c. This permit is issued based upon a contemporaneous and creditable decrease in emissions so that the net increase in emissions is not significant. Therefore this permit is not subject to Rules for the Prevention of Significant Deterioration of Air Quality, 40 CFR 52.21. The decrease in emissions was created by the shutdown of four existing steam-tube dryers, reducing particulate matter emissions by over 10 tons/year. As a result this permit does not represent a significant net increase in emissions of particulate matter or particulate matter<sub>10</sub>.
- 3a. The dryer may be operated for a period of 180 days under this Construction Permit.
- b. The dryer shall not begin operation until construction, including construction of any air pollution control equipment, is complete, and reasonable measures short of actual operation have been taken to verify proper operation.
- 4a. Within 90 days of completion of construction of the rotary sand dryer described in the above referenced permit application, the particulate matter concentrations in the effluent stream of the rotary sand dryer shall be measured by an approved testing service. These tests shall be conducted, documented, and reported in accordance with 35 Ill. Adm. Code 283.
- b. Prior to carrying out these tests, the Pre-Test Procedures of 35 Ill. Adm. Code 283, Subpart B, shall be completed. In particular, the Agency's regional office and the Agency's Source Emission Test Specialist shall be notified a minimum of thirty (30) days prior to the expected date of these tests and further notified a minimum of five (5) working days prior to the test of the exact date, time and place of these tests, to enable the Agency to witness these tests.

Illinois Environmental Protection Agency  
Division of Air Pollution Control - Regional Office  
5415 North University  
Peoria, Illinois 61614

Illinois Environmental Protection Agency  
Attn: Source Emission Test Specialist  
Division of Air Pollution Control  
Intercontinental Center  
1701 First Avenue  
Maywood, Illinois 60153



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- c. Three (3) copies of the Final Report(s) for these tests, in accordance with 35 Ill. Adm. Code 283, Subparts E, F and G, shall be submitted to the Agency within 14 days after the test results are compiled and finalized, prior to or accompanying the operating permit application. Satisfactory completion of these tests and compliance with the limitations of this permit shall be a prerequisite to the issuance of an operating permit.
- d. A copy of the Summary of Results, General Information, and Conclusions, as contained in the Final Report, shall also be submitted to the Source Emission Test Specialist.
- e. Appropriate operating records shall be maintained to allow the Agency to review compliance with the limits in Condition 1 and 2.

A handwritten signature in cursive script, reading "Terry A. Sweitzer", is positioned above the typed name.

Terry A. Sweitzer, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

TAS:DMH:jmm/0052L/56-58

cc: Region 2



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF AIR POLLUTION CONTROL  
2200 CAMDEN HILL ROAD  
SPRINGFIELD, ILLINOIS 62768

STANDARD CONDITIONS FOR CONSTRUCTION/DEVELOPMENT PERMITS  
ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

July 1, 1985

The Illinois Environmental Protection Act (Illinois Revised Statutes, Chapter 111-1/2, Section 1039) authorizes the Environmental Protection Agency to impose conditions on permits which it issues.

The following conditions are applicable unless superseded by special condition(s).

1. Unless this permit has been extended or it has been voided by a newly issued permit, this permit will expire one year from the date of issuance, unless a continuous program of construction or development on this project has started by such time.
2. The construction or development covered by this permit shall be done in compliance with applicable provisions of the Illinois Environmental Protection Act and Regulations adopted by the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any duly authorized agent of the Agency upon the presentation of credentials, at reasonable times:
  - a. to enter the permittee's property where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit,
  - b. to have access to and to copy any records required to be kept under the terms and conditions of this permit,
  - c. to inspect, including during any hours of operation of equipment constructed or operated under this permit, such equipment and any equipment required to be kept, used, operated, calibrated and maintained under this permit,
  - d. to obtain and remove samples of any discharge or emissions of pollutants, and
  - e. to enter and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
  - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located,
  - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities,
  - c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations,
  - d. does not take into consideration or attest to the structural stability of any units or parts of the project, and

- e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. a. Unless a joint construction/operation permit has been issued, a permit for operation shall be obtained from the Agency before the equipment covered by this permit is placed into operation.
- b. For purposes of shakedown and testing, unless otherwise specified by a special permit condition, the equipment covered under this permit may be operated for a period not to exceed thirty (30) days.
7. The Agency may file a complaint with the Board for modification, suspension or revocation of a permit:
- a. upon discovery that the permit application contained misrepresentations, misinformation or false statements or that all relevant facts were not disclosed, or
  - b. upon finding that any standard or special conditions have been violated, or
  - c. upon any violations of the Environmental Protection Act or any regulation effective thereunder as a result of the construction or development authorized by this permit.

